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Attorney Docket No.
55495(70904)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 06 2004

APPLICANT: Shigeru Eiho, et al.

U.S.S.N. 09/742,576

Art Unit 2851

Technology Center 2600

FILED: 12/20/2000

Examiner: Unassigned

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APR 06 2004

FOR: IMAGE-PROCESSING METHOD AND RECORDING MACHINE IN
WHICH SUCH AN IMAGE-PROCESSING METHOD IS RECORDED

PC 2600

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, Postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 30, 2004.

By: Louise M. Rappaport

Louise M. Rappaport

SUPPLEMENTAL SEARCH REPORT/INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date March 29, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

a. ☒

Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- Please see
- c. ☒ The following additional information is provided for the Examiner's consideration:

PLEASE SEE THE ENCLOSED EUROPEAN SEARCH REPORT
THE REFERENCES CITED ON PAGE 1 OF THE SEARCH REPORT, WERE
FILED AS AN IDS IN THE USPTO ON SEPTEMBER 12, 2003 AND ARE
NOT INCLUDED.

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$ _____ is required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. ☒ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

☐ Please charge Deposit Account No. 04-1105 in the amount of \$ _____ for the above-indicated fee. A triplicate copy of this paper is attached.

☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: *March 29, 2007*



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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

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UNITED STATES PATENT DOCUMENTS

Technology Center 2800

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AB	4,794,531	12/27/88	Morishita, et al.			4/22/87
	AC	5,880,767	3/9/99	S. Liu			9/11/96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	EP 1 073 014 A2	1/31/2001	EPO			Yes

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	CD	Picture Enhancement in Video and Block-Coded Image Sequences, G. Scognamiglio, et al., IEEE Transactions on Consumer Electronics, IEEE Inc., N.Y., Vol. 45, No. 3, pp. 680-689 (August, 1999)
	CE	A Novel Digital Unsharp Masking Algorithm for Color Images, Tie-Jun Shan, Proceedings of the SPIE, SPIE, Bellingham, VA, Vol. 1771, pp. 41-46 (July, 1992)
	CF	Chest Radiograph Enhancement Using the Weighted Unsharp Mask, Jackson, et al., Proceedings of ISMII. IEEE Computer Society Int. Symposium on Medical Imaging and Image Interpretation, XX, pp. 10-13 (1982)

Examiner:

Date: